

Lesson Practice:

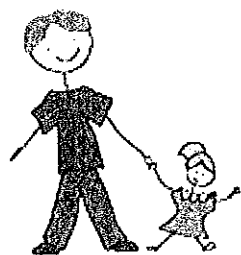
Each represents a proportion. Solve for the variable using proportional reasoning of scale factors.

$$\frac{X}{9} = \frac{4}{6}$$

$$\frac{h}{9} = \frac{2}{3}$$

$$\frac{22}{d} = \frac{6}{21}$$

Decide whether each scenario is a proportional relationship. Justify your reasoning.



Dad's Age	Daughter's Age
33	3
36	6
39	9
42	12
45	15

blue marbles	green marbles
44	55
60	75
80	100
112	140

